TECHNIQUES FOR IMPLEMENTING SECURITY ON A SMALL FOOTPRINT DEVICE USING A CONTEXT BARRIER

Abstract of the Disclosure

A small footprint device, such as a smart card, can securely run multiple programs from unrelated vendors by the inclusion of a context barrier isolating the execution of the programs. The context barrier performs security checks to see that principal and object are within the same namespace or memory space and to see that a requested action is appropriate for an object to be operated upon.

5